

# Center for Computer Aided Engineering Design & Mfg.

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Established center in 1991. The main focus is research in computerized drafting, 3-D design, solid modeling, finite element modeling, numerical controlled mfg, robotics, facilities management, plant monitoring and control, data base management and inventory planning.

<u>Overview</u>	<u>Technologies</u>	<u>Status</u>	<u>Economic Impact</u>
<p>Current State Contract \$100,000</p> <p>Matching Funds \$449,135</p> <p>Cumulative 449,135</p> <p>Industry Jobs Created 69</p> <p>Center Related Jobs 41</p> <p>Benefiting Utah Co.'s 10</p> <p>Spin-off companies -</p> <p>Patents Applied 1</p> <p>Patents Issued -</p> <p>License Agreements 8</p>	<p>*Six software products:</p> <ul style="list-style-type: none"> <li>● Promod</li> <li>● Robline</li> <li>● OPTDES</li> <li>● CATS</li> <li>● Movie (C-Quell/Moviestar BYU</li> <li>● Maxxicad</li> </ul>	<p>*New products scheduled for release by the end of the year.</p> <p>*Recipient of grants from Ford Motor Corp., Sandia National Labs, NSF, IBM and Motorola.</p> <p>*Negotiations underway with IBM, Intergraph, Hewlett Packard, ATTC and a venture capital group based in Europe to establish major license and distribution agreements of center products.</p>	<p>*Sales/Revenue figures:</p> <p>Software Licenses: \$88,500</p> <p>*3 Utah companies have spun-off from this center. Provide a direct outlet of center products and professional employment opportunities for graduate students associated with the center.</p>